

Course Overview:

The aim of this course is designed to provide the trainees identifying different types of fuels its properties and impurities that may be found.

Course Objective:

- Demonstrate a basic appreciation and understanding of the power plant process and of unit cycle principles
- Identify the particular hazards and the appropriate precautions associated with the plant and process systems
- Identify and discuss effective communication techniques
- Examine instrumentation and control features including permissive conditions, interlocks, alarm and trip conditions
- Determine requirements for the competent, safe and reliable operation of plant

Course Outline:

1. Explain The Purpose Of Plant Fuel Supply System
2. Fuel Sources
3. Boiler Plant
4. The Steam And Water Cycle
5. Subcritical And Supercritical Boilers
6. Turbine Plant
7. Design And Function (System Description)
8. Operation Procedure
9. Troubleshooting

Who Should Attend:

This course is recommended for Chemists, operating staff, engineering staff, technical staff and supervisory staff

Training Language:

EN / AR

Training Methodology:

- Presentation & Slides
- Audio Visual Aids
- Interactive Discussion
- Participatory Exercise
- Action Learning
- Class Activities
- Case Studies
- Workshops
- Simulation